



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

P.O. Box 19506, Springfield, Illinois 62794-9506

RENEE CIPRIANO, DIRECTOR

217/782-2113

OPERATING PERMIT - REVISED

PERMITTEE

General Iron Industries, Inc.
Attn: Adam Labkon
1909 North Clifton Avenue
Chicago, Illinois 60614

Application No.: 81050001

I.D. No.: 031600BTB

Applicant's Designation:

Date Received: July 6, 2004

Subject: Metal Shredder

Date Issued: September 1, 2004

Expiration Date: September 1, 2005

Location: 1909 North Clifton Avenue, Chicago, 60614

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of:

Two Metal Shredders Controlled by Water Suppression System
Two Metal Separators Controlled by Cyclones

pursuant to the above-referenced application. This permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This permit shall expire 180 days after the Illinois EPA sends a written request for the renewal of this permit.
- b. This permit shall terminate if it is withdrawn or is superseded by a revised permit.
2. This permit is issued based on negligible emissions of volatile organic material (VOM) from two metal shredders. For this purpose emissions from each emission source, shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/yr.
3. Emissions and operation of equipment shall not exceed the following limits:

<u>Item of Equipment</u>	<u>Process Rate (Tons/Hr)</u>	<u>Operating Hours (Hr/Yr)</u>	<u>Pollutant</u>	<u>Emissions</u>	
				<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>
2 Metal Shredders	500	3,500	PM	14.7	117.3
			PM-10	7.4	58.7
2 Metal Separators	5.6	4,972	PM	2.0	15.9
			PM-10	1.0	8.0

ROD R. BLAGOJEVICH, GOVERNOR

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These limits are based on maximum process rate, allowable emission rates pursuant to 35 Ill. Adm. Code 212.321, and 50% PM-10 content of total emission. Compliance with annual limits shall be determined from a running total of 12 months of data.

4. The Permittee shall only operate this equipment when associated pollution control equipment is in operation in accordance with correct operating conditions.
5. The Permittee shall not operate the shredders when associated ductwork, condition of the shredder, and enclosures would allow increased fugitive emissions.
6. In the event that the operation of this emission unit results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
7. No person shall cause or allow any visible emissions of fugitive particulate matter from any process, including any material handling or storage activity beyond the property line of the emission source, pursuant to 35 Ill. Adm. Code 212.301.
8. The Permittee shall maintain records of the vendor recommendations at the facility and be available for inspection and copying by the Illinois EPA.
9. The Permittee shall, in accordance with the manufacturer(s) and/or vendor(s) recommendations, perform periodic maintenance on the pollution control equipment covered under this permit such that the pollution control equipment is kept in proper working condition and not cause a violation of the Environmental Protection Act or regulations promulgated therein.
10. Both shredders water suppression systems shall be equipped with a flow meter and maintain an average flow rate of 20 gpm during operation of the shredders.
11. The Permittee shall maintain annual and monthly records of the following:
 - a. Hours of operation of shredders and associated control equipment (hours/month and hours/year);
 - b. Hours of operation of the separator systems and associated control systems (hours/month and hours/year);
 - c. Amount of metal shredded (tons/hour and tons/year);
 - d. Amount of material separated by each system (tons/month and tons/year);

- e. Water usage for control purposes (gallons/month and gallons/year); and
 - f. Records demonstrating compliance with Condition 10.
12. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA request for records during the course of a source inspection.
13. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
14. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing, or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

15. Persons with lifetime operating permits must obtain a revised permit for any of the following changes at the source:
- a. An increase in emissions above the amount the emission unit or the source is permitted to emit;
 - b. A modification;
 - c. A change in operations that will result in the source's noncompliance with conditions in the existing permit; or

- d. A change in ownership, company name, or address, so that the application or existing permit is no longer accurate.

Please note that this permit has been revised to incorporate Construction Permit No. 04070004.

It also should be noted that during the review of this application it was determined that potential to emit (PTE) of particulate matter with aerodynamic diameter exceed 100 tons/year and your facility is classified as a major source pursuant to Section 39.5(2)(c) of Illinois Environmental Protection Act. Therefore this permit is issued pursuant to Section 201.160 of 35 Ill. Adm. Code. You shall apply for a Clean Air Act Permit Program (CAAPP) permit before the permit expiration date.

To avoid the CAAPP permitting requirements, you may want to consider applying for a Federally Enforceable State Operating Permit (FESOP) if your actual emissions are below the major threshold levels. A FESOP is an operating permit which contains Federally enforceable limits in the form of permit conditions which effectively restrict the potential emissions of a source to below major source threshold, thereby excluding the source from the CAAPP.

If you have any questions on this permit, please contact Valeriy Brodsky at 217/782-2113.

A handwritten signature in black ink, appearing to read "Donald E. Sutton", with a stylized flourish at the end.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:VJB:jar

cc: Region 1

Directory Environmental Protection Agency Bureau of Air

May 22, 2003

For assistance in preparing a permit application, contact the Permit Section:

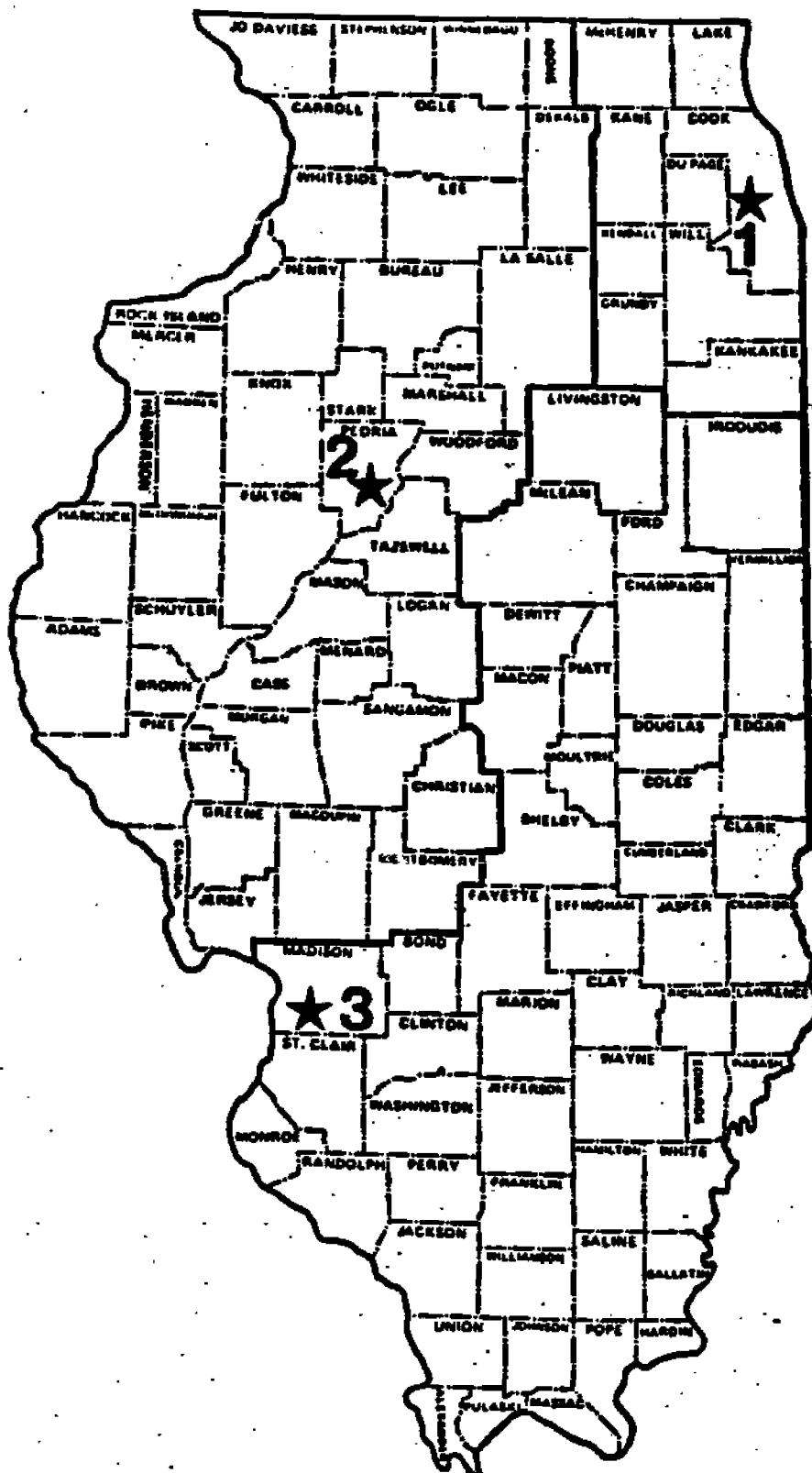
**Illinois EPA
Division of Air Pollution Control
Permit Section
1021 N. Grand Ave E.
P.O. Box 19506
Springfield, Illinois 62794-9506
217/782-2113**

Or contact a regional office of the Field Operations Section. The regional offices and their areas of responsibility are shown on the map. The addresses and telephone numbers of the regional offices are as follows:

**Illinois EPA
Region 1
Bureau of Air, FOS
9511 West Harrison
Des Plaines, Illinois 60016
847/294-4000**

**Illinois EPA
Region 2
5415 North University
Peoria, Illinois 61614
309/693-5461**

**Illinois EPA
Region 3
2009 Mall Street
Collinsville, Illinois 62234
618/346-5120**





STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
P.O. BOX 19506
SPRINGFIELD, ILLINOIS 62794-9506

STANDARD CONDITIONS
FOR
OPERATING PERMITS

May, 1993

The Illinois Environmental Protection Act (Illinois Revised Statutes, Chapter 111-1/2, Section 1039) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

The following conditions are applicable unless superseded by special permit conditions(s).

1. The issuance of this permit does not release the Permittee from compliance with state and federal regulations which are part of the Illinois State Implementation Plan, as well as with other applicable statutes and regulations of the United States or the State of Illinois or with applicable local laws, ordinances and regulations.
2. The Illinois EPA has issued this permit based upon the information submitted by the Permittee in the permit application. Any misinformation, false statement or misrepresentation in the application shall be ground for revocation under 35 Ill. Adm. Code 201.166.
3.
 - a. The Permittee shall not authorize, cause, direct or allow any modification, as defined in 35 Ill. Adm. Code 201.102, of equipment, operations or practices which are reflected in the permit application as submitted unless a new application or request for revision of the existing permit is filed with the Illinois EPA and unless a new permit or revision of the existing permit(s) is issued for such modification.
 - b. This permit only covers emission sources and control equipment while physically present at the indicated plant location(s). Unless the permit specifically provides for equipment relocation, this permit is void for an item of equipment on the day it is removed from the permitted location(s) or if all equipment is removed, notwithstanding the expiration date specified on the permit.
4. The Permittee shall allow any duly authorized agent of the Illinois EPA, upon the presentation of credentials, at reasonable times:
 - a. To enter the Permittee's property where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit;
 - b. To have access to and to copy any records required to be kept under the terms and conditions of this permit;
 - c. To inspect, including during any hours of operation of equipment constructed or operated under this permit, such equipment and any equipment required to be kept, used, operated, calibrated and maintained under this permit;
 - d. To obtain and remove samples of any discharge or emission of pollutants; and
 - e. To enter and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring or recording any activity, discharge or emission authorized by this permit.
5. The issuance of this permit:
 - a. Shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are located;